

## ABSTRACT

A separator 109 separates an output signal output  
5 from a demodulator 108 into receive data and an OK signal  
or NG signal, outputs the receive data, and outputs the  
OK signal or NG signal to a transmission method switching  
determination section 110. The transmission method  
switching determination section 110 stores the number  
10 of times an OK signal or NG signal is received, determines  
whether or not the transmission method is to be changed  
according to the frequency of stored OK signals and NG  
signals, and based on the result of this determination,  
outputs to a transmission method switching controller  
15 111 an instruction for carrying out or not carrying out  
a change of transmission method. If a change of  
transmission method is necessary according to the  
instruction from the transmission method switching  
determination section 110, the transmission method  
20 switching controller 111 controls a transmit frame  
creation section 102, modulator 103, transmit radio  
section 104, and antenna duplexer 105, and instructs a  
buffer 101 to output transmit data to be retransmitted.